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the steps of:

A method to perform an add operation from a root to a leaf, comprising

dentifying a root;

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identifying any unused leaf; and

traversing from the root to the any unused leaf.

- 2. The method of Claim 1, wherein the data structure comprises a heap.
- 3. The method of Claim 1, wherein the traversing step comprises the step of percolating values within the heap.
- 4. The method of Claim 1, wherein the traversing step comprises the step of not percolating the leaf to the root.

A method for performing a remove operation in a data structure, comprising the steps of:

removing a value from a root that leaves a hole; and percolating the hole to a leaf position.

6. The method of Claim 5, wherein in the percolating step, comprising the step of percolating the hole to any arbitrary leaf position in the data structure.

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The method of Claim 5, wherein the data structure comprises a tree-

like structure.